

Title (en)

MAC MULTIPLEXING AND TFC SELECTION PROCEDURE FOR ENHANCED UPLINK

Title (de)

MAC-MULTIPLEX- UND TFC-AUSWAHLPROZEDUR FÜR EINE ERWEITERTE AUFWÄRTSSTRECKE

Title (fr)

PROCEDURE DE MULTIPLEXAGE PAR MAC ET DE SELECTION DE TFC POUR LIAISON MONTANTE AMELIOREE

Publication

**EP 1878147 A4 20100106 (EN)**

Application

**EP 06751106 A 20060424**

Priority

- US 2006015275 W 20060424
- US 67634505 P 20050429
- US 68321405 P 20050520
- US 40841506 A 20060421

Abstract (en)

[origin: WO2006118831A2] The user equipment produces medium access control-dedicated channel (MAC-d) for transfer of logical channels over an enhanced dedicated physical channel (E-DPCH) and receives power offset, serving grant. The equipment selects enhanced dedicated channel transport format combination (E-TFC) not exceeding size derived from serving grant and the power offset. The equipment receives selected E-TFC and MAC-d flows and multiplexes data of MAC-d flows into MAC-enhanced dedicated channel packet data unit (MAC-e PDU) with size related to selected E-TFC. Independent claims are included for the following: (1) method for transferring data over enhanced dedicated channel (E-DCH); (2) wide band code division multiple access (W-CDMA) frequency division duplex (FDD) base station; (3) W-CDMA FDD communication system; and (4) method for multiplexing data over E-DCH.

IPC 8 full level

**H04L 12/56** (2006.01); **H04L 47/27** (2022.01); **H04L 47/36** (2022.01); **H04W 28/06** (2009.01); **H04W 52/00** (2009.01); **H04W 72/04** (2009.01); **H04W 72/12** (2009.01); **H04W 74/00** (2009.01); **H04W 88/08** (2009.01); **H04W 88/12** (2009.01); **H04W 99/00** (2009.01)

CPC (source: BR EP NO US)

**H04L 47/10** (2013.01 - US); **H04L 47/365** (2013.01 - BR EP NO US); **H04W 8/04** (2013.01 - BR NO US); **H04W 28/065** (2013.01 - BR); **H04W 72/1268** (2013.01 - BR EP NO US); **H04W 72/23** (2023.01 - BR); **H04W 88/12** (2013.01 - NO); **H04W 28/065** (2013.01 - EP NO US); **H04W 72/23** (2023.01 - EP NO US); **H04W 88/08** (2013.01 - EP NO US); **H04W 88/12** (2013.01 - EP US)

Citation (search report)

- [A] WO 0163857 A1 20010830 - ERICSSON TELEFON AB L M [SE]
- [A] US 6788652 B1 20040907 - HWANG IN TAE [KR]
- [A] EP 1063818 A2 20001227 - SOFTCOM MICROSYSTEMS [US]

Designated contracting state (EPC)

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**WO 2006118831 A2 20061109; WO 2006118831 A3 20090625**; AT E494707 T1 20110115; AT E532297 T1 20111115; AU 2006242677 A1 20061109; AU 2006242677 B2 20100318; AU 2006242677 C1 20110310; AU 2010200474 A1 20100225; AU 2010200474 B2 20130620; BR PI0612964 A2 20101214; BR PI0612964 B1 20190514; CA 2606500 A1 20061109; CA 2606500 C 20110927; CN 101601201 A 20091209; CN 101601201 B 20130703; CN 101848548 A 20100929; CN 101848548 B 20130605; CN 103259627 A 20130821; CN 103259627 B 20170524; CN 103281791 A 20130904; CN 103281791 B 20160316; CN 2896706 Y 20070502; DE 602006019407 D1 20110217; DK 1878147 T3 20110321; DK 2184896 T3 20120206; DK 2418812 T3 20131202; DK 2547156 T3 20151026; DK 2549813 T3 20140616; DK 3355537 T3 20190218; EP 1878147 A2 20080116; EP 1878147 A4 20100106; EP 1878147 B1 20110105; EP 2184896 A1 20100512; EP 2184896 B1 20111102; EP 2418812 A1 20120215; EP 2418812 B1 20130904; EP 2547156 A1 20130116; EP 2547156 B1 20150812; EP 2549813 A1 20130123; EP 2549813 B1 20140319; EP 3018873 A1 20160511; EP 3018873 B1 20180103; EP 3355537 A1 20180801; EP 3355537 B1 20181121; ES 2359080 T3 20110518; ES 2376528 T3 20120314; ES 2438520 T3 20140117; ES 2474129 T3 20140708; ES 2550969 T3 20151113; ES 2711780 T3 20190507; GE P20125387 B 20120125; HK 1149158 A1 20110923; IL 186675 A0 20080209; IL 186675 A 20131128; IL 203583 A 20160831; IL 229030 A0 20131231; IL 229030 A 20151029; IL 247257 A 20170529; JP 2008539668 A 20081113; JP 2009260994 A 20091105; JP 2011223632 A 20111104; JP 2013081253 A 20130502; JP 2014068371 A 20140417; JP 2015084605 A 20150430; JP 2017046364 A 20170302; JP 4724746 B2 20110713; JP 4815516 B2 20111116; JP 5498994 B2 20140521; JP 5499188 B2 20140521; JP 5795620 B2 20151014; JP 6117832 B2 20170419; JP 6382920 B2 20180829; MX 2007013281 A 20071213; NO 20075895 L 20080123; NO 20160642 A1 20080123; NO 338314 B1 20160808; NO 342819 B1 20180813; PL 1878147 T3 20110630; PL 2184896 T3 20120330; PL 2418812 T3 20140131; PL 2547156 T3 20160129; PL 2549813 T3 20140829; PL 3355537 T3 20190430; SG 195606 A1 20131230; US 2006268938 A1 20061130; US 8116292 B2 20120214

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**US 2006015275 W 20060424**; AT 06751106 T 20060424; AT 10152781 T 20060424; AU 2006242677 A 20060424; AU 2010200474 A 20100210; BR PI0612964 A 20060424; CA 2606500 A 20060424; CN 200620114808 U 20060429; CN 200680014600 A 20060424; CN 201010157063 A 20060424; CN 201310156874 A 20060424; CN 201310157169 A 20060424; DE 602006019407 T 20060424; DK 06751106 T 20060424; DK 10152781 T 20060424; DK 11186130 T 20060424; DK 12180137 T 20060424; DK 12180150 T 20060424; DK 17209287 T 20060424; EP 06751106 A 20060424; EP 10152781 A 20060424; EP 11186130 A 20060424; EP 12180137 A 20060424; EP 12180150 A 20060424; EP 15179173 A 20060424; EP 17209287 A 20060424; ES 06751106 T 20060424; ES 10152781 T 20060424; ES 11186130 T 20060424; ES 12180137 T 20060424; ES 12180150 T 20060424; ES 17209287 T 20060424; GE AP2006010400 A 20060424; HK 11103181 A 20110329; IL 18667507 A 20071016; IL 20358310 A 20100128; IL 22903013 A 20131023; IL 24725716 A 20160814; JP 2008508965 A 20060424; JP 2009171249 A 20090722; JP 2011152013 A 20110708; JP 2013002013 A 20130109; JP 2013245131 A 20131127; JP 2015021323 A 20150205; JP 2016237238 A 20161207; MX 2007013281 A 20060424; NO 20075895 A 20071115; NO 20160642 A 20160418; PL 06751106 T 20060424; PL 10152781 T 20060424; PL 11186130 T 20060424; PL 12180137 T 20060424; PL 12180150 T 20060424; PL 17209287 T 20060424; SG 2013079447 A 20060424; US 40841506 A 20060421